

Project Flow

Smart Lender - Applicant Credibility Prediction for Loan Approval Team ID: PNT2022TMID35547

MILESTONE 1. Installing Required Libraries.

MILESTONE 2. Data Collection.

ACTIVITIES

- Collect the dataset

MILESTONE 3. Data Pre-processing.

ACTIVITIES

- Importing the Libraries.
- Importing the dataset.
- Understanding Data Type and Summary of features.
- Taking care of missing data
- Data Visualization.
- Drop the column from Data Frame & replace the missing value.
- Splitting the Dataset into Dependent and Independent variables
- Splitting Data into Train and Test.

MILESTONE 4. Model Building

ACTIVITIES

- Naive Bayes Model
- Decision Tree Model
- KNN Model

- Comparison of models
- Evaluating the performance of models
- Saving the models

MILESTONE

5.Application Building

ACTIVITIES

- Building Html Pages
- Build Python Code
- Run the Application

MILESTONE 6.Final UI

ACTIVITIES

- Dashboard Of the flask app.

MILESTONE 7. Train The Model on IBM

ACTIVITIES

- Registering For IBM
- Training The ML Model On IBM
- Integrate Flask With Scoring End Point